Foundations of Algebra

Module 5: Quantitative Reasoning with Functions

Materials List

| Lesson | Materials |
| --- | --- |
| 1. [Relations](#Variable) and Functions | * Copy of the Relations and Functions Graphing student page * Copy of the summarizer |
| 2. Function Rules | * Copy of the lesson |
| 3. Foxes and Rabbits | * Copy of student task * Index cards |
| 4. Quick Check I | * Copy of student page |
| 5. Which Ticket is the Best Deal? | * Copy of ticket prices |
| 6. Reviewing Rate of Change | * Student practice page |
| 7. How Did I Move? | * Index cards * Timers * Activity sheets from website |
| 8. By the Book | * Copies of lessons for students * Straight edge * Graph paper <http://incompetech.com/graphpaper> |
| 9. Equations of Attack | * Copy of student page * Slope cards * Colored pencils or markers * Coins or counters * Scissors |
| 10. Key Features of Functions | * Student handout |
| 11. Analyzing Linear Functions | * FAL pre-assessment * FAL post-assessment * Mini whiteboards and markers |
| 12. Functions | * Copy of the lesson |
| 13. Quick Check II | * Copy of student page |
| 14. Beads Under the Cloud | * Student handout – Beads Under the Cloud - How did you work? * Handout per group – Sample Responses to Discuss * Samples of student work – per group |
| 15. Floating Down the Lazy River | * Student handout |
| 16. Getting Ready for a Pool Party | * Student copy of the lesson |
| 17. Cell Phones | * Student copy of task * Graphing calculator (optional) |
| 18. Quick Check III | * Copy of student page |
| 19. How Much Does a 100 x 100 In-N-Out Cheeseburger Cost? | * Pictures of burgers |